

Converting Colors

$Yxy(85.3541, 0.3266, 0.3450)$

Have a look what the booklet for
Yxy(85.3541, 0.3266, 0.3450)
contains.

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Color

Yxy(85.6561, 0.3268, 0.3453)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | F4EEDE |
| RGB | 244, 238, 222 |
| RGB Percent | 96%, 93%, 87% |
| CMY | 0.0431, 0.0666, 0.1296 |
| CMYK | 0.00, 0.02, 0.09, 0.04 |
| HSL | 44°, 50%, 91% |
| HSV | 44°, 9%, 96% |
| XYZ | 81.0669, 85.6561, 81.3398 |
| YIQ | 237.9700, 8.7120, -3.7040 |

Conversions

Conversions Part 2

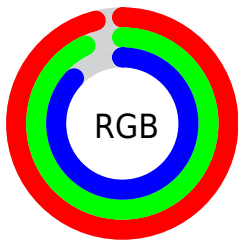
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 230, 244, 222 |
| Decimal | 16051934 |
| CIE _{Lab} | 94.17, -0.67, 8.47 |
| CIE _{LCh} | 94, 8.494, 94.557 |
| Yxy | 85.6561, 0.3268, 0.3453 |
| Android (android.graphics.Color) | 4294242014 (0xFFFF4EEDE) |
| YUV | 237.9700, -7.8732, 5.2883 |
| Hunter-Lab | 92.5506, -5.6117, 12.6773 |

Details

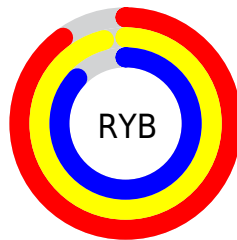
The Yxy color **85.6561, 0.3268, 0.3453** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **77.5275, 0.2987, 0.3122**, and the grayscale version is **85.5347, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **46.9373, 0.3300, 0.3486** is the 20% darker color. If you saturate the color by 10%, you get **80.6438, 0.3437, 0.3641**, and if you desaturate by 10%, it is **91.0083, 0.3113, 0.3273**.

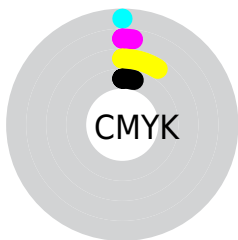
Distribution



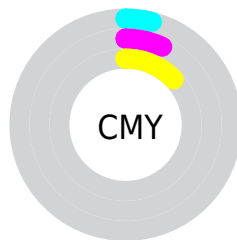
- Red (96%)
- Green (93%)
- Blue (87%)



- Red (90%)
- Yellow (96%)
- Blue (87%)



- Cyan (0%)
- Magenta (2%)
- Yellow (9%)
- Black (4%)



- Cyan (4%)
- Magenta (7%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 85.6561, 0.3268, 0.3453 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 85.6561, 0.3268, 0.3453 by changing the saturation by 10% instead.

85.6561, 0.3268,
0.3453

85.6561, 0.3268,
0.3453

513.7966, 0.3205,
0.3380

64.3836, 0.3282,
0.3469

141.2895, 0.3246,
0.3428

46.9615, 0.3299,
0.3489

176.4192, 0.3238,
0.3418

33.0052, 0.3321,
0.3514

216.9368, 0.3231,
0.3410

22.1304, 0.3348,
0.3546

263.2266, 0.3224,
0.3402

13.9528, 0.3384,
0.3589

315.6731, 0.3218,
0.3395

8.0878, 0.3435,
0.3648

374.6607, 0.3213,

4.1512, 0.3511,

0.3390

0.3737

440.5737, 0.3209,
0.3384

■ 1.7585, 0.3634,
0.3884

■ 0.4611, 0.4777,
0.5223

■ 85.6561, 0.3268,
0.3453

■ 85.6561, 0.3268,
0.3453

■ 80.6438, 0.3437,
0.3641

■ 91.0083, 0.3113,
0.3273

■ 75.9505, 0.3619,
0.3833

■ 95.6409, 0.3061,
0.3254

■ 71.5697, 0.3810,
0.4022

■ 97.9758, 0.3060,
0.3290

■ 67.4905, 0.4006,
0.4200

■ 63.7010, 0.4199,
0.4357

■ 60.1881, 0.4380,
0.4482

■ 56.9371, 0.4541,
0.4565

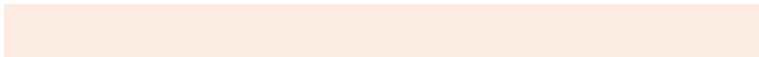
■ 53.9307, 0.4674,
0.4598

■ 51.1441, 0.4776,
0.4585

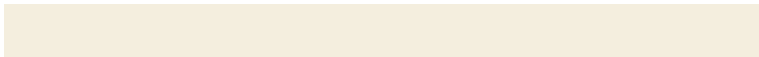
Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.6561, 0.3314, 0.3407



85.6561, 0.3268, 0.3453



85.6561, 0.3185, 0.3455

Triad

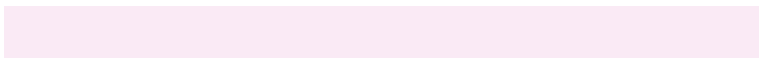
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.6561, 0.3268, 0.3453



85.6561, 0.2949, 0.3244



85.6561, 0.3166, 0.3175

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



85.6561, 0.3268, 0.3453



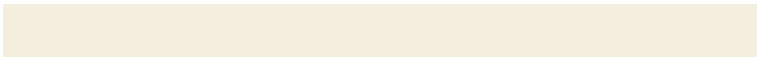
77.5275, 0.2987, 0.3122

Split Complementary

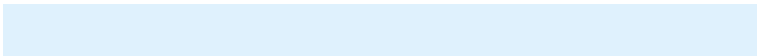
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.6561, 0.3068, 0.3132



85.6561, 0.3268, 0.3453



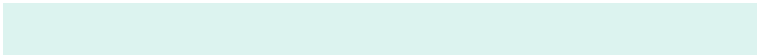
85.6561, 0.2944, 0.3170

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.6561, 0.3268, 0.3453



85.6561, 0.3001, 0.3332



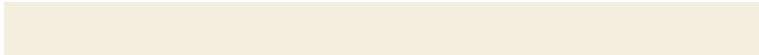
85.6561, 0.2987, 0.3129



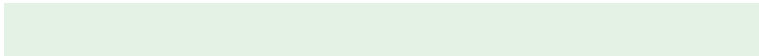
85.6561, 0.3255, 0.3247

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85.6561, 0.3268, 0.3453



85.6561, 0.3119, 0.3430



85.6561, 0.2987, 0.3129



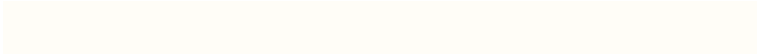
85.6561, 0.3133, 0.3156

Sweetspot

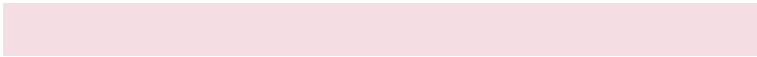
The Sweet Spot groups the original color and five complimentary colors.



85.6598, 0.3268, 0.3453



98.1941, 0.3173, 0.3343



77.0712, 0.3243, 0.3226



20.9155, 0.3185, 0.3358



0.0000, 0.0000, 0.0000



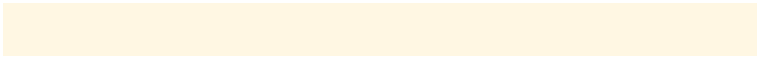
21.4041, 0.3127, 0.3290

Same Dimension

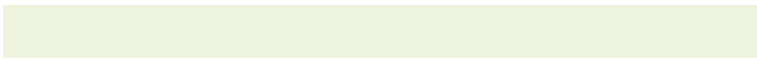
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.6598, 0.3268, 0.3453



93.5427, 0.3301, 0.3490



88.3744, 0.3230, 0.3515



18.5051, 0.3275, 0.3461



27.9035, 0.4774, 0.4592



2.6228, 0.4684, 0.4663

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



77.5275, 0.2987, 0.3122



82.7273, 0.2954, 0.3082



75.0435, 0.3019, 0.3060



16.6615, 0.2979, 0.3113



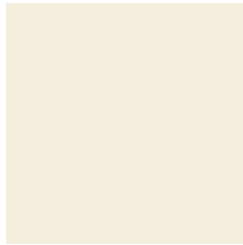
5.8956, 0.1593, 0.0934



0.6822, 0.1659, 0.1172

Previews

White Background



This preview shows how the Yxy color 85.6561, 0.3268, 0.3453 looks on a white background.

Color Contrast Check

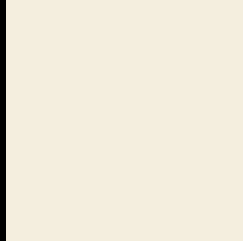
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 85.6561, 0.3268, 0.3453 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

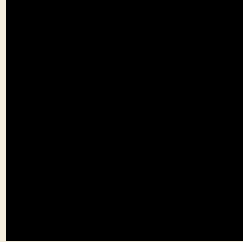
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

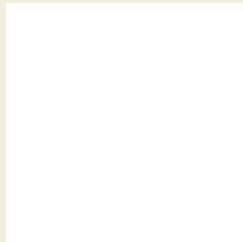
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 85.6561, 0.3268, 0.3453

Background



This preview shows how black text looks on a background with the Yxy color 85.6561, 0.3268, 0.3453.

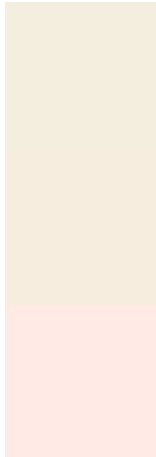


This preview shows how white text looks on a background with the Yxy color 85.6561, 0.3268, 0.3453.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

85.6561, 0.3268, 0.3453

Protanopia

85.4351, 0.3282, 0.3442

Deuteranopia

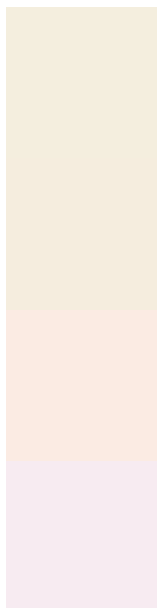
85.8188, 0.3296, 0.3330



Tritanopia

85.8304, 0.3109, 0.3113

Trichromacy



Original Color

85.6561, 0.3268, 0.3453

Protanomaly

85.2548, 0.3276, 0.3442

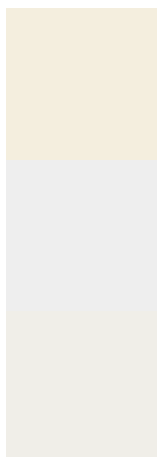
Deuteranomaly

85.4719, 0.3287, 0.3370

Tritanomaly

85.5417, 0.3170, 0.3231

Monochromacy



Original Color

85.6561, 0.3268, 0.3453

Achromatopsia

85.4993, 0.3127, 0.3290

Achromatomaly

85.5005, 0.3178, 0.3351

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.6561, 0.3268, 0.3453 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(244, 238, 222)` looks like.

```
.text, #text, p{  
    color:rgb(244, 238, 222)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(244, 238, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 238, 222) }
```

Border

The CSS property to change the border of an element to Yxy 85.6561, 0.3268, 0.3453 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(244, 238, 222) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(244, 238, 222) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(244, 238, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(244, 238, 222); -webkit-box-shadow:4px 4px 4px 4px rgb(244, 238, 222); box-shadow:4px 4px 4px 4px rgb(244, 238, 222) }
```


Background

The CSS property to change the background color of an element to Yxy 85.6561, 0.3268, 0.3453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 238, 222) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(244,  
238, 222) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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